

ABSTRACT

Described is a negative-electrode material using graphite for a lithium secondary battery that, when used in high electrode density, can yield a lithium secondary battery which has large discharging capacity, achieves high efficiency during charging and discharging, exhibits enhanced load characteristics, and involves only a small amount of swelling of the electrode during charging.

The material has a graphite-composite mixture powder (C) that comprises: a graphite composite powder (A) in which a graphite (D), whose aspect ratio is 1.2 or larger and 4.0 or smaller, is compounded with a graphite (E), which has orientation different from orientation of said graphite (D); and an artificial graphite powder (B).